





**Green light emitting phosphors**

**Patent number:** GB2149416  
**Publication date:** 1985-06-12  
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**Classification:**  
- international: C09K11/80  
- european: C09K11/77S6  
**Application number:** GB19840027362 19841030  
**Priority number(s):** JP19830208108 19831105

**Also published as:**

 NL8403342 (A)  
 JP60101175 (A)  
 FR2557128 (A1)  
 DE3439865 (A1)

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**Abstract of GB2149416**

A green light emitting phosphor suitable for a phosphor screen of a cathode ray tube used as a projecting tube of a projection television receiver is represented by a general formula  $Y_3Al_xGa_{5-x}O_{12}:Tb$ . The most preferred composition is  $Y_3Al_2Ga_3O_{12}:Tb$  wherein the Tb density or the molar percentage of Tb/(Y + Tb) is equal to 5 mol %.

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